

APPENDIX C
ACRONYMS AND ABBREVIATIONS

AAH	Analyzer alarm high
AAHH	Analyzer alarm high-high
ACAMS	Automatic Continuous Air Monitoring System
acfm	Actual cubic feet per minute
ACS	Agent Collection System
Ag	Silver
AIC	Ampere interrupting capacity
AL	Airlock
ALM	Alarm
AMC	U. S. Army Material Command
API	American Petroleum Institute
AR	Department of Army Regulations
As	Arsenic
ASTM	American Society for Testing and Materials
ATCI	Acetylthiocholine-iodine
AUX	Auxiliary
Ba	Barium
BA	Burner alarm
BAT	Best Available Technology
BCS	Bulk Chemical Storage
BDS	Bulk Drain Station
Bldg	Building
BRA	Brine Reduction Area
BSA	First Floor Buffer Storage Area
BTM	Bottom
Btu	British thermal unit
EC	Centigrade
CA	Combustion air
CAL	Chemical Assessment Laboratory
Calib.	Calibration
CAMDS	Chemical Agent Munition Disposal System (located at Tooele Army Depot)
CAMS	Computer Assisted Management System
CCl ₄	Carbon tetrachloride
CCTV	Closed-circuit television
Cd	Cadmium
CDC	Centers for Disease Control
CDS	Central Decontamination Supply
CDTF	Central Demilitarization Training Facility
CEMS	Continuous Emissions Monitoring System
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CH ₄	Methane
CHB	Container Handling Building
CMS	Corrective Measures Study
CO	Carbon monoxide
CO ₂	Carbon dioxide

CON	Control Room
Cr	Chromium
CTC	Cutaway Ton Container
DAAMS	Depot Area Air Monitoring System
DARCOM	U. S. Army Material Development and Readiness Command
DC	Direct current
DCD	Deseret Chemical Depot
DDYR	Drum Dryer
Decon	Decontamination
DFS	Deactivation Furnace System
DHHS	U.S. Department of Health and Human Services
DIAM	Diameter
DIC	Density indicator control
DPE	Demilitarization Protective Ensemble (suits)
DRE	Destruction and Removal Efficiency
DSA	DPE Support Area
DTNB	5'5-ditho-bis-2,2'-nitrobenzoic acid
DUN	Dunnage Incinerator, dunnage
ECR	Explosive Containment Room
ECV	Explosive Containment Room Vestibule
EMER	Emergency
EP	Emergency Power
EPA	U. S. Environmental Protection Agency
EVAP	Evaporators
EF	Degree Fahrenheit
FA	Fire alarm
FAH	Flow alarm high
FIC	Flow indicator control
FIT	Flow Indicating Transmitter
FR	Federal Register
ft	Feet
g	Gram
gal	Gallon
GB	Sarin, Isopropyl methylphosphonofluoridate
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GFE	Government Furnished Equipment
gm/cc	Grams per cubic centimeter
gpm	Gallons per minute
H	Levinstein mustard, bis (2-chloroethyl) sulfide
H	High
H ₂	Hydrogen
H ₂ O	Water
H ₃ PO ₄	Phosphoric Acid
HCl	Hydrochloric Acid
HD	Distilled mustard, bis (2-chloroethyl) sulfide
HDC	Heated Discharge Conveyor
HEPA	High efficiency particulate air
HF	Hydrogen fluoride
Hg	Mercury

HGT	Height
HHS	Health and Human Services
Hr(s)	Hour(s)
HSWA	Hazardous and Solid Waste Amendments of 1984
HT	Mustard, 60% HD and 40% T
HVAC	Heating, Ventilation, and Air Conditioning
HWMU	Hazardous Waste Management Unit
ID	Identification
IFB	Insulating firebrick
in.	Inch, inches
JACADS	Johnston Atoll Chemical Agent Disposal System
kg	Kilogram
L	Liter
LAH	Level alarm high
LAHH	Level alarm high-high
LAL	Level alarm low
LALL	Level alarm low-low
lb(s)	Pound(s)
lbm/hr	Pound mass per hour
LC Lo	Lowest published lethal concentration
LC ₅₀	Lethal concentration - time product that produces 50 percent deaths among exposed, unprotected, and untreated personnel
LD ₅₀	Lethal dosage (50 percent death rate)
LG	Length
LIC	Liquid Incinerator
LIT	Level Indicating Transmitter
LOP	Lab Operating Procedure
LPG	Liquified petroleum gas
LSHH	Level switch high-high
MCC	Mine Component Container
M-CR	Munitions Corridor
M/S	Meters per second
MDB	Munition Demilitarization Building
MDM	Multiposition Demilitarization Machine
MED	Medical facility
MG/mg	milligrams
MIG	Mine glovebox
MIL-STD	Military standards
Min.	Minute
MIN	Mine machine
ml	Milliliter
mm	Millimeter
MON	Monitor
MPB	Munitions Processing Bay
MPF	Metal Parts Furnace
MS	Mass spectrometer, mass spectrometry
MSB	Monitor Support Building
MUN	Munitions
mV	Millivolt
mol wt	Molecular weight

N ₂	Nitrogen
N/A	Not applicable
NaOCl	Sodium hypochlorite
NaOH	Sodium hydroxide
NIOSH	National Institute for Occupational Safety and Health
NO	Nitrogen oxide
No.	Number
NO ₂	Nitrogen dioxide
NO _x	Nitrogen oxides
NSPS	New Source Performance Standards
O ₂	Oxygen
Obs	Observation corridor
OSHA	Occupational Safety and Health Administration
OVT	Operational Verification Testing
oz	Ounce
PAHH	Pressure alarm high-high
PAL	Pressure alarm low
Para.	Paragraph
PAS	Pollution Abatement Systems
Pb	Lead
PCB	Polychlorinated biphenyl compounds
PDAR	Process Data Acquisition and Recording
PDIC	Pressure differential indicator control
PIC	Pressure indicator control, Product of Incomplete Combustion
P&ID	Piping and Instrumentation Diagram
PIT	Pressure Indicating Transmitter
PLC	Programmable logic controller
PMCD	Program Manager for Chemical Demilitarization
POHC	Principal organic hazardous constituent
ppb	Parts per billion
ppm	Parts per million
ppmv	Parts per million average
psi	Pounds per square inch
psia	Pounds per square inch absolute
psig	Pounds per square inch gauge
PSL	Power switch low
QA	Quality assurance
QC	Quality control
R315	Utah Administrative Code R315
RCRA	Resource Conservation and Recovery Act
RDX	Cyclotrimethylenetrinitramine
RHA	Residue Handling Area
rpm	Revolutions per minute
RTM	Real Time Minutes
SARA	Superfund Amendments and Reauthorization Act of 1986
scfh	Standard cubic feet per hour
SCFM	Standard cubic feet per minute
SDS	Spent decontamination solution, spent decontamination system
Se	Selenium
SOPs	Standard Operating procedures

SPEC	Specifications(s)
Spent Decon	Spent decontamination solution
SPORT	Single Pallet Only Rocket Transporter
SPS	Secondary power distribution system
SRC	Single Round Container
STD	Standard
SWMU	Solid Waste Management Unit
T	Bis[2(2-chloroethylthio)ethyl]ether
TAH	Temperature alarm high
TAHH	Temperature alarm high-high
TAL	Temperature alarm low
TALL	Temperature alarm low-low
Tan	Tangent
TAP	Toxicological Agent Protective
TCLP	Toxic Characterisitic Leaching Procedure
TDS	Total dissolved solids
TEAD	Tooele Army Depot, Tooele
TIC	Temperature indicator control
TLV-TWA	Threshold Limit Value-Time Weighted Average
TMA	Toxic Maintenance Area
TNT	Trinitrotoluene
TOC	Total organic carbon
TOCDF	Tooele Chemical Agent Disposal Facility
TOX	Toxic Cubicle
TSCA	Toxic Substance Control Act
TSD	Treatment, Storage, and Disposal
TSHH	Temperature Switch High-High
TSP	Trisodium Phosphate
TWA	Time Weighted Average
UPA	Unpack Area
UPMC	Upper Munitions Corridor
UPS	Uninterruptible Power Supply
VOST	Volatile organic sampling train
VX	O-ethyl-S(2-diisopropylaminoethyl) methyl phosphonothiolate
w.c.	Water column
wt. %	Weight percent
XXX	Initial decontamination
XXXXX	5x; thermal treatment at 1000EF for a minimum of 15 minutes
y/n	Yes/No
yr	Year